

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles

FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
CALCLEAN INC.
(FORMER CONICO TEXACO STATION)

NPDES NO. CAG834001
CI-8289

PROJECT LOCATION

13815 Crenshaw Boulevard
Hawthorne, CA 90250

FACILITY MAILING ADDRESS

3002 Dow Avenue, Suite 142
Tustin, CA 92780

PROJECT DESCRIPTION

CalClean Inc. proposes to extract and treat petroleum contaminated groundwater and then discharge the treated groundwater to the storm drain at the site. The treatment system will include a surge tank to remove free phase hydrocarbons, 25-50 micron filter to filtrate particulate, a minimum of three carbon canisters in series to remove petroleum contaminants, and a thermal oxidizer to treat contaminated vapor.

VOLUME AND DESCRIPTION OF DISCHARGE

CalClean Inc. will discharge up to 15,000 gallons per day of treated groundwater. CalClean Inc. reported in the Report of Waste Discharge (ROWD) that chromium and cadmium in concentrations up to 140 µg/L and 20 µg/L, respectively, were detected in the groundwater. However, since historical information could not identify the source of chromium and cadmium as contaminants at the site, CalClean Inc. collected additional groundwater samples and analyzed for chromium and cadmium. The analytical results showed chromium and cadmium were not detected. CalClean Inc. indicated that the chromium and cadmium detected in the earlier groundwater samples were laboratory errors. Therefore, chromium and cadmium are not expected to be in the discharge. However, monitoring of groundwater for chromium and cadmium is required.

The wastewater from the treatment system will be discharged through a storm drain located at Outfall No. 1 (Latitude 33° 54' 22", Longitude 118° 19' 31") and will flow to Dominguez Channel, a water of the United States. See Figures 1 and 2 for the site location and flow diagram, respectively.

FREQUENCY OF DISCHARGE

The discharge will be intermittent up to thirty days for the first nine months, and 10 days for two years. The discharge will begin in June 2001.

REUSE OF WATER

CalClean Inc. had considered other alternative reuse and/or method of disposal. This site is located on an industrial area. It is costly to discharge to the sanitary sewer line and water reclamation is not viable at the site. Therefore, reuse is not feasible, and the wastewater will be discharged to the storm drain.